

Table 57. Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, Barge, and Rail ¹ Between PAD Districts, July 2023
(Thousand Barrels)

Commodity	From 1 to			From 2 to				From 3 to	
	2	3	5	1	3	4	5	1	2
Crude Oil	256	42	0	751	61,331	6,852	4,453	1,103	21,546
Petroleum Products	17,447	37	0	21,659	49,979	16,051	5,522	104,585	23,118
Natural Gas Liquids	7,636	21	0	7,099	39,295	11,265	597	1,034	11,899
Ethane	6,041	0	—	542	16,771	2,486	—	0	1,031
Propane	904	0	0	5,137	12,353	4,458	336	1,034	1,721
Normal Butane	308	7	0	1,291	4,948	1,936	225	0	331
Isobutane	377	14	0	129	1,534	669	35	0	986
Natural Gasoline	6	0	—	0	3,688	1,716	—	0	7,830
Refinery Olefins	0	0	—	322	501	—	—	0	0
Ethylene	—	—	—	—	—	—	—	—	—
Propylene	0	0	—	322	501	—	—	0	0
Normal Butylene	—	—	—	—	—	—	—	—	—
Isobutylene	—	—	—	—	—	—	—	—	—
Unfinished Oils	40	0	0	0	546	—	0	21	112
Motor Gasoline Blending Components	6,764	0	0	1,429	1,364	2,466	0	60,750	5,848
Reformulated - RBOB	0	0	0	0	0	—	0	11,533	3,195
Conventional	6,764	0	0	1,429	1,364	2,466	0	49,217	2,653
CBOB	6,764	0	0	1,429	1,310	2,466	0	48,698	2,486
GTAB	—	—	—	—	—	—	—	—	—
Other	0	0	—	0	54	—	—	519	167
Biofuels (including Fuel Ethanol)	5	0	0	9,690	5,924	686	4,699	0	6
Fuel Ethanol	0	0	0	9,618	5,683	673	4,508	0	0
Biodiesel	5	0	0	72	241	14	192	0	6
Renewable Diesel Fuel	—	0	0	—	0	—	0	—	—
Other Biofuels ²	—	—	—	—	—	—	—	—	—
Finished Motor Gasoline	103	0	0	665	51	161	0	1,256	1,281
Reformulated	—	—	—	—	—	—	—	—	—
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—	—	—
Reformulated Other	—	—	—	—	—	—	—	—	—
Conventional	103	0	0	665	51	161	0	1,256	1,281
Conventional Blended with Fuel Ethanol	—	—	—	—	—	—	—	—	—
Ed55 and Lower	—	—	—	—	—	—	—	—	—
Greater than Ed55	—	—	—	—	—	—	—	—	—
Conventional Other	103	0	0	665	51	161	0	1,256	1,281
Finished Aviation Gasoline	0	0	—	0	0	—	—	38	59
Kerosene-Type Jet Fuel	431	0	0	196	30	911	0	16,470	1,275
Kerosene	—	—	—	—	—	—	—	—	—
Distillate Fuel Oil	2,440	10	0	1,342	783	548	0	24,168	2,265
15 ppm sulfur and under	2,440	10	0	1,342	783	548	0	23,937	2,156
Greater than 15 ppm to 500 ppm sulfur	0	0	—	—	0	—	—	—	109
Greater than 500 ppm sulfur	—	0	—	0	0	—	—	231	—
Residual Fuel Oil	0	0	—	—	456	—	—	—	0
Petrochemical Feedstocks	0	0	—	—	124	—	—	—	19
Naphtha for Petrochemical Feedstock Use	0	0	—	—	90	—	—	—	19
Other Oils for Petrochemical Feedstock Use	0	0	—	—	34	—	—	—	0
Special Naphthas	0	0	—	—	0	—	—	—	9
Lubricants	0	0	0	0	18	—	0	425	152
Waxes	—	—	—	—	—	—	—	—	—
Marketable Petroleum Coke	0	6	0	201	663	3	10	65	6
Asphalt and Road Oil	28	0	0	715	224	10	217	358	180
Miscellaneous Products	0	0	—	—	0	—	—	—	7
Total	17,703	79	0	22,410	111,310	22,903	9,975	105,688	44,664

See footnotes at end of table.

Table 57. Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, Barge, and Rail ¹ Between PAD Districts, July 2023
(Thousand Barrels) — Continued

Commodity	From 3 to		From 4 to				From 5 to		
	4	5	1	2	3	5	1	3	4
Crude Oil	0	0	0	26,198	1,810	0	0	0	0
Petroleum Products	0	5,893	0	23,573	5,183	1,957	3	230	55
Natural Gas Liquids	0	27	0	22,385	4,914	54	0	0	0
Ethane	0	—	0	6,421	1,766	—	0	0	0
Propane	0	0	0	8,100	1,487	54	0	0	0
Normal Butane	0	4	0	3,461	576	0	0	0	0
Isobutane	0	23	0	1,335	354	0	0	0	0
Natural Gasoline	0	—	0	3,068	731	—	0	0	0
Refinery Olefins	—	—	0	0	0	—	0	0	—
Ethylene	—	—	—	—	—	—	—	—	—
Propylene	—	—	0	0	0	—	0	0	—
Normal Butylene	—	—	—	—	—	—	—	—	—
Isobutylene	—	—	—	—	—	—	—	—	—
Unfinished Oils	—	0	0	0	0	0	0	217	—
Motor Gasoline Blending Components	0	3,235	0	222	0	1,118	0	0	0
Reformulated - RBOB	—	1,669	0	0	0	0	0	0	—
Conventional	0	1,566	0	222	0	1,118	0	0	0
CBOB	0	1,566	0	222	0	1,118	0	0	0
GTAB	—	—	—	—	—	—	—	—	—
Other	—	—	0	0	0	—	0	0	—
Biofuels (including Fuel Ethanol)	0	1,381	0	0	0	62	0	0	12
Fuel Ethanol	0	734	0	0	0	62	0	0	0
Biodiesel	0	17	0	0	0	0	0	0	12
Renewable Diesel Fuel	—	631	—	—	0	0	—	0	—
Other Biofuels ²	—	—	—	—	—	—	—	—	—
Finished Motor Gasoline	0	0	0	394	0	91	0	0	0
Reformulated	—	—	—	—	—	—	—	—	—
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—	—	—
Reformulated Other	—	—	—	—	—	—	—	—	—
Conventional	0	0	0	394	0	91	0	0	0
Conventional Blended with Fuel Ethanol	—	—	—	—	—	—	—	—	—
Ed55 and Lower	—	—	—	—	—	—	—	—	—
Greater than Ed55	—	—	—	—	—	—	—	—	—
Conventional Other	0	0	0	394	0	91	0	0	0
Finished Aviation Gasoline	—	—	0	0	0	—	0	0	—
Kerosene-Type Jet Fuel	0	227	0	11	0	32	0	0	0
Kerosene	—	—	—	—	—	—	—	—	—
Distillate Fuel Oil	0	923	0	405	0	219	0	0	0
15 ppm sulfur and under	0	923	0	405	0	219	0	0	0
Greater than 15 ppm to 500 ppm sulfur	—	—	—	0	0	—	—	0	—
Greater than 500 ppm sulfur	—	—	0	—	0	—	0	0	—
Residual Fuel Oil	—	—	—	0	0	—	—	0	—
Petrochemical Feedstocks	—	—	—	0	0	—	—	0	—
Naphtha for Petrochemical Feedstock Use	—	—	—	0	0	—	—	0	—
Other Oils for Petrochemical Feedstock Use	—	—	—	0	0	—	—	0	—
Special Naphthas	—	—	—	0	0	—	—	0	—
Lubricants	—	10	0	0	0	0	0	0	—
Waxes	—	—	—	—	—	—	—	—	—
Marketable Petroleum Coke	0	0	0	32	101	130	3	13	32
Asphalt and Road Oil	0	89	0	124	168	251	0	0	10
Miscellaneous Products	—	—	—	0	0	—	—	0	—
Total	0	5,893	0	49,771	6,993	1,957	3	230	55

— = No Data Reported.

¹ Movements of crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil include movements by rail. Movements of other products are by pipeline, tanker and barge only.

² Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Data source: Energy Information Administration (EIA) Forms EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-817, "Monthly Tanker and Barge Movements Report." Rail net movements estimates based on EIA analysis of data from the Surface Transportation Board and other information.